
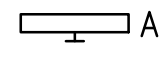




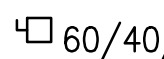
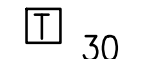


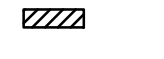

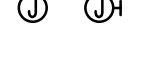
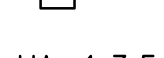

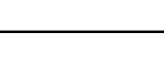

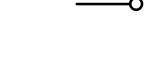




LEGEND

SYMBOL	DESCRIPTION
	WALL MOUNTED FLOURESCENT LIGHT FIXTURE, OUTLET BOX AND EMERGENCY BATTERY PACK
	WALL MOUNTED FLOURESCENT LIGHT FIXTURE & OUTLET BOX
	DUPLEX RECEPTACLE NEMA 5-20R, MT 18" AFF UNLESS OTHERWISE NOTED
RECEPTACLE SUBSCRIPTS	GF1 = GROUND FAULT CIRCUIT INTERRUPTER; WP = WEATHER PROOF AND GFCI H = HOSPITAL GRADE;
	WALL SWITCH, AC TYPE, 1-POLE, 20A, 125/277V MT 48" AFF
	MOTOR RATED DISCONNECT SWITCH WITH THERMAL OVERLOADS, SINGLE POLE, MT ON UNIT UNLESS INDICATED OTHERWISE
	MOTOR, HORSEPOWER AS INDICATED
	DISCONNECT SWITCH, (SWITCH AMPS/FUSE SIZE/POLES/NEMA ENCLOSURE), NF = NON-FUSED
	DRY TYPE TRANSFORMER, KVA AS INDICATED
	PANELBOARD - EXISTING
	PANELBOARD - NEW
	DISTRIBUTION PANELBOARD
	EQUIPMENT AS INDICATED
	CEILING OR WALL MOUNTED JUNCTION BOX
	PULL OR JUNCTION BOX
	HA-1,3,5 ADJACENT TO ARROW INDICATES, HOMERUN OF CIRCUITS 1,3, & 5 TO PANEL "HA". MARKS ACROSS RACEWAY INDICATE NUMBER OF #12 CONDUCTORS IN RACEWAY. NO MARKS ACROSS RACEWAY INDICATES 2#12 CONDUCTORS AND 1#12 GROUND CONDUCTOR - 3/4"C. CONDUCTOR SIZE #12AWG UNLESS INDICATED ADJACENT TO HOMERUN.
	RACEWAY EXPOSED
	RACEWAY CONCEALED IN WALLS AND/OR ABOVE CEILING
	RACEWAY TURNED TOWARD VIEWER
	RACEWAY TURNED AWAY FROM VIEWER
	FLEXIBLE METAL CONDUIT (SEE SPECIFICATION FOR AREAS REQUIRING LIQUIDTIGHT)

ABBREVIATIONS

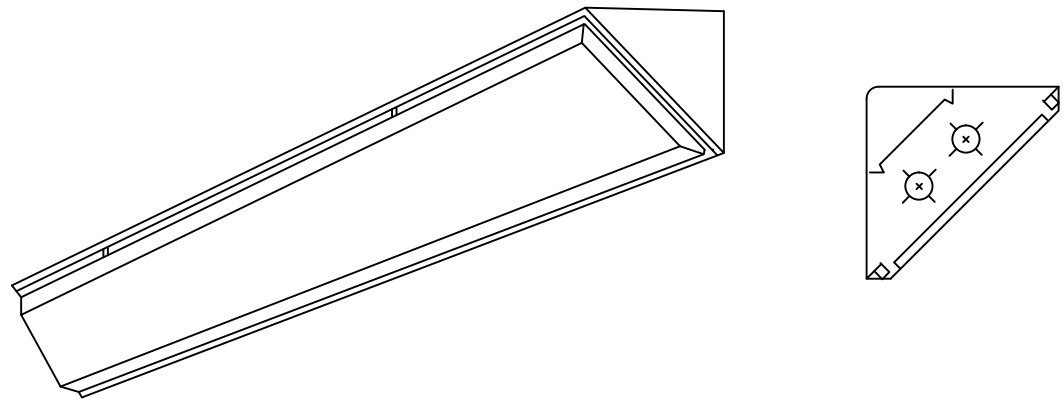
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A OR AMP	AMPERES	RECP OR RECEPT	RECEPTACLE
AC	ALTERNATING CURRENT	RMS	ROOT MEAN SQUARE
AF	AMPERE FRAME	SCCR	SHORT CIRCUIT CURRENT RATING
AFF	ABOVE FINISHED FLOOR	SPD	SURGE PROTECTIVE DEVICE
AHU	AIR HANDLING UNIT	SPEC	SPECIFICATIONS
AL	ALUMINUM	SPDT	SINGLE POLE DOUBLE THROW
ASYM	ASYMMETRICAL	SPST	SINGLE POLE SINGLE THROW
AT	AMPERE TRIP	SWBD	SWITCHBOARD
AUTO	AUTOMATIC	S/N	SOLID NEUTRAL
BFF	BELOW FINISHED FLOOR	SQ	SQUARE
C	CONDUIT	SF	SUPPLY FAN
CB	CIRCUIT BREAKER	TDD	TIME DELAY UPON DE-ENERGIZATION
CH	CHILLER	TDE	TIME DELAY UPON ENERGIZATION
CKT	CIRCUIT	UG	UNDERGROUND
CLF	CURRENT LIMITING FUSE	UL	UNDERWRITER'S LABORATORIES
CPT	CONTROL POWER TRANSFORMER	UIO	UNLESS INDICATED OTHERWISE
CT	CURRENT TRANSFORMER	V	VOLTS
D	DEPTH	VA	VOLT AMPERES
DC	DIRECT CURRENT	VM	VOLTMETER
DISC	DISCONNECT SWITCH	VS	VOLTMETER SELECTOR SWITCH
DPST	DOUBLE POLE SINGLE THROW	W	WATTS OR WIDTH OR WIRE
DPDT	DOUBLE POLE DOUBLE THROW	WP	WEATHER PROOF
EC	EMPTY CONDUIT	XFMR	TRANSFORMER
EF	EXHAUST FAN	Z	IMPEDENCE
ELEC	ELECTRICAL		
EMT	ELECTRICAL METALLIC TUBING		
E OR EMERG	EMERGENCY		
EXIST OR EX	EXISTING		
EQUIP	EQUIPMENT		
F	FUSE		
FLEX	FLEXIBLE		
G OR GND	GROUND		
GFI	GROUND-FAULT-INTERRUPTER		
GRS	GALVANIZED RIGID STEEL CONDUIT		
H OR HT	HEIGHT		
HOA	HAND-OFF-AUTOMATIC		
HZ	HERTZ		
HP	HORSEPOWER		
IMC	INTERMEDIATE METAL CONDUIT		
J OR JB	JUNCTION BOX		
KCMIL	THOUSAND CIRCULAR MILLS		
KVA	KILOVOLT - AMPERES		
KW	KILOWATTS		
L	LENGTH		
LA	LIGHTNING ARRESTOR		
LTG	LIGHTING		
MAX	MAXIMUM		
MCB OR MB	MAIN CIRCUIT BREAKER		
MIN	MINIMUM		
MLO	MAIN LUGS ONLY		
MRS	MOTOR RATED SWITCH		
MT OR MTD	MOUNT OR MOUNTED		
N	NEUTRAL		
NC	NORMALLY CLOSED		
NEC	NATIONAL ELECTRICAL CODE		
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION		
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		
NO	NORMALLY OPEN		
NTS	NOT TO SCALE		
P	POLES OR PHASE OR PUMP		
PF	POWER FACTOR		
PNL	PANEL OR PANELBOARD		

GENERAL NOTES:

- THE WORK SHALL CONFORM WITH ALL REQUIREMENTS OF:  
(A) THE 2008 NATIONAL ELECTRICAL CODE (NFPA 70);  
(C) APPLICABLE LOCAL CODES AND FEDERAL AND STATE LAWS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CATALOG NUMBERS ON THESE DRAWINGS TO MATCH WITH MATERIAL DESCRIPTIONS INDICATED.
- EXISTING ELECTRICAL WORK (NOT SHOWN) SHALL REMAIN, UNLESS INDICATED OTHERWISE. SHOULD ANY EXISTING ELECTRICAL POWER, LIGHTING OR AUXILIARY CIRCUIT, FEEDER OR EQUIPMENT BE SEVERED, DISCONNECTED OR DELETED IN THE PROCESS OF CONSTRUCTION OR REMODELING WHICH IS DONE AS A RESULT OF CONTRACT PLANS AND SPECIFICATIONS, AND UNLESS IT IS SPECIFICALLY DESIGNATED BY THE DRAWINGS TO BE DELETED, THEN SAID CIRCUIT OR FEEDER SHALL BE RESTORED TO WORKING CONDITION. THE RESTORATION SHALL INCLUDE REROUTING, RELOCATION, RECONNECTION OR REPLACEMENT AS MAY BE REQUIRED BY THE NEW WORK. ANY SUCH WORK REQUIRED SHALL BE INCLUDED IN THE CONTRACT AND NO EXTRA COMPENSATION WILL BE GRANTED.)
- FIXTURE TYPE 'AE' IS EQUAL TO FIXTURE TYPE 'A', EXCEPT PROVIDE EMERGENCY BATTERY PACK. EMERGENCY BATTERY PACK SHALL BE CAPABLE OF 1100 LUMENS FOR 90 MINUTES MINIMUM.

LIGHTING FIXTURE SCHEDULE

FIXTURE SYMBOL	DESCRIPTION	VOLTAGE	BALLAST DATA		LAMP DATA			MOUNTING	NOTES
			NO.	TYPE	NO.	TYPE	COLOR/TEMP		
A	FLUORESCENT CORNER MOUNT	277 VAC	1	ELECTRONIC	2	32W T8	3500K	WALL	GENERAL NOTE 4 & 1/E001



LUMINAIRE REQUIREMENTS

- HOUSING - MINIMUM 16 GAUGE STEEL, CHEMICALLY TREATED FOR RUST PREVENTION AND PAINT ADHESION. ENDS SHALL BE SECURED WITH SCREWS OR WELDED. LENGTH APPROXIMATELY 48".
- BALLAST - HIGH POWER FACTOR (>.94), INSTANT START, CLASS P, ELECTRONIC, WITH SOUND RATING OF "A".
- WIRING - FIXTURE SHALL HAVE INTERNAL GREEN GROUNDING SCREW. NO INTERNAL WIRING SHALL BE EXPOSED.
- FINISH - HOUSING SHALL BE COMPLETELY PAINTED AFTER FABRICATION WITH MINIMUM 85% REFLECTANCE WHITE ENAMEL.
- LAMPS - PROVIDE WATTAGE AND TYPE AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE. LOW MERCURY TYPE.
- MOUNT FIXTURES 'A' & 'AE' ON WALL JUST BELOW SUSPENDED CEILING.
- POLYCARBONATE LENS.

FIXTURE TYPE 'A' & 'AE'

SCALE: NTS

1  
E001

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Drawing Title  
LEGEND AND ABBREVIATIONS

Approved: Project Director

Project Title  
Birmingham VA  
Replacement of Elevators  
Eight and Nine

Location  
700 South 19th St. Birmingham, AL

Date  
FEBRUARY 2, 2011

Checked  
KJZ

Drawn  
LMG

Project Number  
521-10-114  
Building Number  
1A

Drawing Number  
E001  
Dwg. 15 of 18

Office of  
Construction  
and Facilities  
Management

Department of  
Veterans Affairs